



The Sampler

January 29, 2013

The Sampler is a monthly e-newsletter produced by the Volunteer Lake Assessment Program.

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Web Highlights

This month's featured lake website is [Cobbetts Pond Improvement Association](#), Windham, NH

Check out the latest edition of [Volunteer Monitoring News](#)

The National Newsletter of Volunteer Water Quality Monitoring

Upcoming Events

[Green EGGS & New HAMpsire 2013](#)

Conservation NH is hosting it's 6th Annual Environmental Policy Breakfast
Wednesday, January 30th
Grappone Center,
Concord, NH
Free and Open to the

DES Releases Draft Report for 52 Bacteria TMDLs for Public Comment

High levels of bacteria can indicate the presence of waterborne disease organisms, known as pathogens, which can pose a public health risk and render a surface water unsuitable for uses such as swimming and shellfishing (in tidal waters). Surface waters include rivers, streams, lakes, ponds, wetlands and tidal waters. Examples of bacteria sources include improperly treated human waste and storm water runoff that has come in contact with feces from domesticated animals (pets, barnyard animals, etc.) and wildlife.

The purpose of a Total Maximum Daily Load (TMDL) is to calculate the amount of pollutant (such as bacteria) that a surface water can assimilate without exceeding State surface water quality standards. The allowable pollutant load is then allocated to specific sources. Another important goal of the TMDL process is to promote, encourage, and inform local community action for water quality improvement and protection of public health by addressing sources of bacterial contamination. To this end this report also provides valuable information to help communities, watershed groups and stakeholders to implement the TMDL in a phased, community-based approach that will ultimately result in attainment of water quality standards

This TMDL specifically addresses 52 bacteria impaired surface waters in 39 New Hampshire communities. Estimates of the percent reduction needed to meet water quality standards for bacteria in each impaired waterbody are provided in Table 2-1. Bacteria data for the impaired segments are provided in the appendices on a watershed basis. Recommendations regarding watershed remediation activities to reduce bacteria inputs to waterbodies are provided in Chapter 6 (Implementation Plans) of the New Hampshire Statewide TMDL for Bacteria Impaired Waters Report, which has was

Public

Keys to Compliance 2013:

Erosion Control, Sediment Control and Stormwater Managment

The Merrimack County Conservation District is sponsoring an erosion and sediment control workshop.

February 19, 2013 at DES

National Water Quality Monitoring Council Webinar Healthy Waters 101: Water Quality Monitoring for Public Health

February 5, 2013

EPA's Climate Ready Water Utilities Series

A series of webinars on tools and resources to help drinking water, wastewater and stormwater utilities.

Begins January 23, 2013

Limno Lingo

Dimictic: The term used to describe a moderately sized temperate lake that undergoes two periods of mixing, typically once in the spring and once in the fall. During the summer months, these lakes stratify forming distinct thermal layers based on changes in water temperature with depth. These layers do not typically mix during the summer. During the winter months, these lakes de-stratify and

approved by EPA on September 21, 2010. Examples of detailed implementation plans to restore impaired waters are included in appendices Q and R of that report and can be found on the TMDL [website](#). Comments on the report can be submitted utilizing the Public Comment form on this page.

EPA Releases New Recreational Water Quality Criteria

[Recreational Water Quality Criteria](#) were first established by EPA in 1986 to protect public health while recreating in surface waters. EPA has updated these criteria using the latest science and research available linking recreational illnesses with bacteria levels. EPA is hosting a [webinar](#) on the new recreational criteria on Jan. 30, 2013.

Call for Papers: 2013 NEC NALMS Conference

The New England Chapter of the North American Lake Management Society (NEC NALMS) is seeking abstracts for poster sessions, workshops and presentations for the [2013 New England Lakes Conference](#) to be held June 7th & 8th at Saint Joseph's College, Standish, Maine. Topic suggestions include Volunteer Lake Monitoring and Lake Association Capacity Building.

eventually colder water
(ice) forms over the
uniformly mixed water
column.

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